

# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/20/2004

Robert D. Touslee Johns Manville 10100 West Ute Avenue Littleton, CO 80127

EXAMINER TENTONI, LEO B ART UNIT PAPER NUMBER 1732

DATE MAILED: 09/20/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,940	07/07/2003	Frank Spurlock	7242	6780

TITLE OF INVENTION: SPINNER DISC AND METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/20/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further comindicated unless corrected be maintenance fee notification	elow or directed otherwise	Patent, advance order in Block 1, by (a) s	rs and notification pecifying a new co	of maintenance fees or orrespondence address	will be mailed to the current ; and/or (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of Fee(s) Transmittal. The	f mailing can only be used for his certificate cannot be used to	or domestic mailings of the or any other accompanying	
7590 09/20/2004				papers. Each addition have its own certifica	al paper, such as an assignme te of mailing or transmission.	ent or formal drawing, must	
Robert D. Touslee Johns Manville 10100 West Ute Avenue				Ce I hereby certify that t States Postal Service addressed to the Ma transmitted to the US	rtificate of Mailing or Trans his Fee(s) Transmittal is being with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the d	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.	
Littleton, CO 8012	1					(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	FIR	RST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/613,940	07/07/2003		Frank Spurlock		7242	6780	
TITLE OF INVENTION: SI	PINNER DISC AND METH	OD					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1330		\$300	\$1630	12/20/2004	
EXAM	INER	ART UNIT	C	ASS-SUBCLASS	]		
TENTON	I, LEO B	1732		264-008000			
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of or agents OR, alte (2) the name of a registered attorney	single firm (having as or agent) and the na- attorneys or agents. I	a member a 2 mes of up to		
3. ASSIGNEE NAME AND							
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified by 37 CFR 3.11. Completion	elow, no assignee dat of this form is NOT a	ta will appear on to a substitute for filin	he patent. If an assig g an assignment.	nee is identified below, the d	locument has been filed for	
(A) NAME OF ASSIGN	EE	(B) I	RESIDENCE: (CIT	Y and STATE OR CO	DUNTRY)		
Please check the appropriate	assignee category or category	ories (will not be print	ted on the patent):	☐ Individual ☐ 0	Corporation or other private gr	oup entity Government	
4a. The following fee(s) are	enclosed:		Payment of Fee(s):				
Issue Fee		_	A check in the amount of the fee(s) is enclosed.				
_	mall entity discount permitt	·	Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to				
Advance Order - # of	Copies		Deposit Account Nu	mber	(enclose an extra c	copy of this form).	
	MALL ENTITY status. See	37 CFR 1.27.		_	ALL ENTITY status. See 37 C		
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Iss ublication Fee (if required) ords of the United States Pat	ue Fee and Publicatio will not be accepted f ent and Trademark O	on Fee (if any) or to rom anyone other to office.	re-apply any previou han the applicant; a re	sly paid issue fee to the applic gistered attorney or agent; or t	ation identified above. he assignee or other party in	
Authorized Signature				Date			
Typed or printed name			Registration No.				
an application. Confidential submitting the completed a this form and/or suggestions Box 1450, Alexandria, Virg Alexandria, Virginia 22313	ity is governed by 35 U.S.C opplication form to the USP1 s for reducing this burden, s inia 22313-1450. DO NOT 1450.	1. 122 and 37 CFR 1.  O. Time will vary de hould be sent to the C SEND FEES OR CC	epending upon the Chief Information ( OMPLETED FORM	is estimated to take 12 individual case. Any officer, U.S. Patent an IS TO THIS ADDRE	the public which is to file (and immutes to complete, includic comments on the amount of tid Trademark Office, U.S. Deg SS. SEND TO: Commissioner it displays a valid OMB control.	ng gamering, preparing, and ime you require to complete partment of Commerce, P.O. for Patents, P.O. Box 1450,	



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,940	07/07/2003	Frank Spurlock	7242	6780
7590 09/20/2004 EXAMINE			INER	
Robert D. Touslee			TENTONI, LEO B	
Johns Manville 10100 West Ute A	venue		ART UNIT	PAPER NUMBER
Littleton, CO 8012	7		1732	
		DATE MAILED: 09/20/2004	4	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 13 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 13 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,940	07/07/2003	Frank Spurlock	7242	6780
75	90 09/20/2004		EXAM	INER
Robert D. Touslee	•		TENTON	I, LEO B
Johns Manville 10100 West Ute Av	ranua		ART UNIT	PAPER NUMBER
Littleton, CO 8012			1732	
D 475 MAH ED 00/00/004			4	

**DATE MAILED: 09/20/2004** 

#### Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.